

# **SITE 12 FIELD WORK UPDATE WESTSIDE / BAYSIDE / NORTH POINT**

**NAVAL STATION TREASURE ISLAND  
SAN FRANCISCO, CALIFORNIA**

BCT Meeting  
February 24, 2016

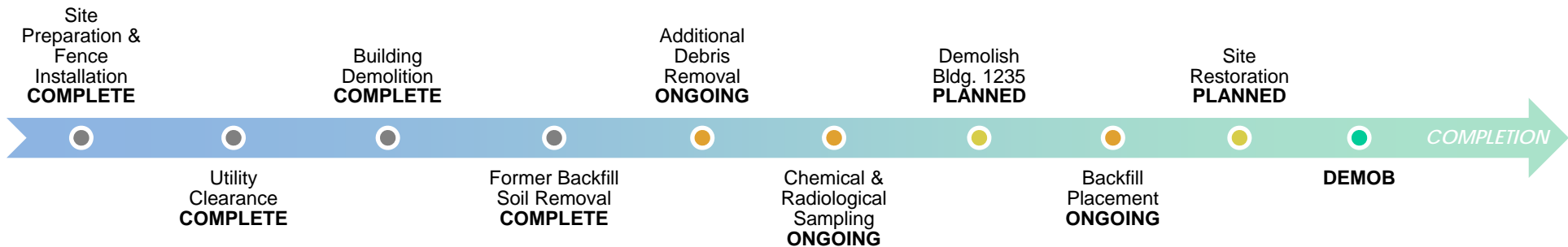
# Presentation Overview – What you will hear today!



## Site 12 Field Work Update

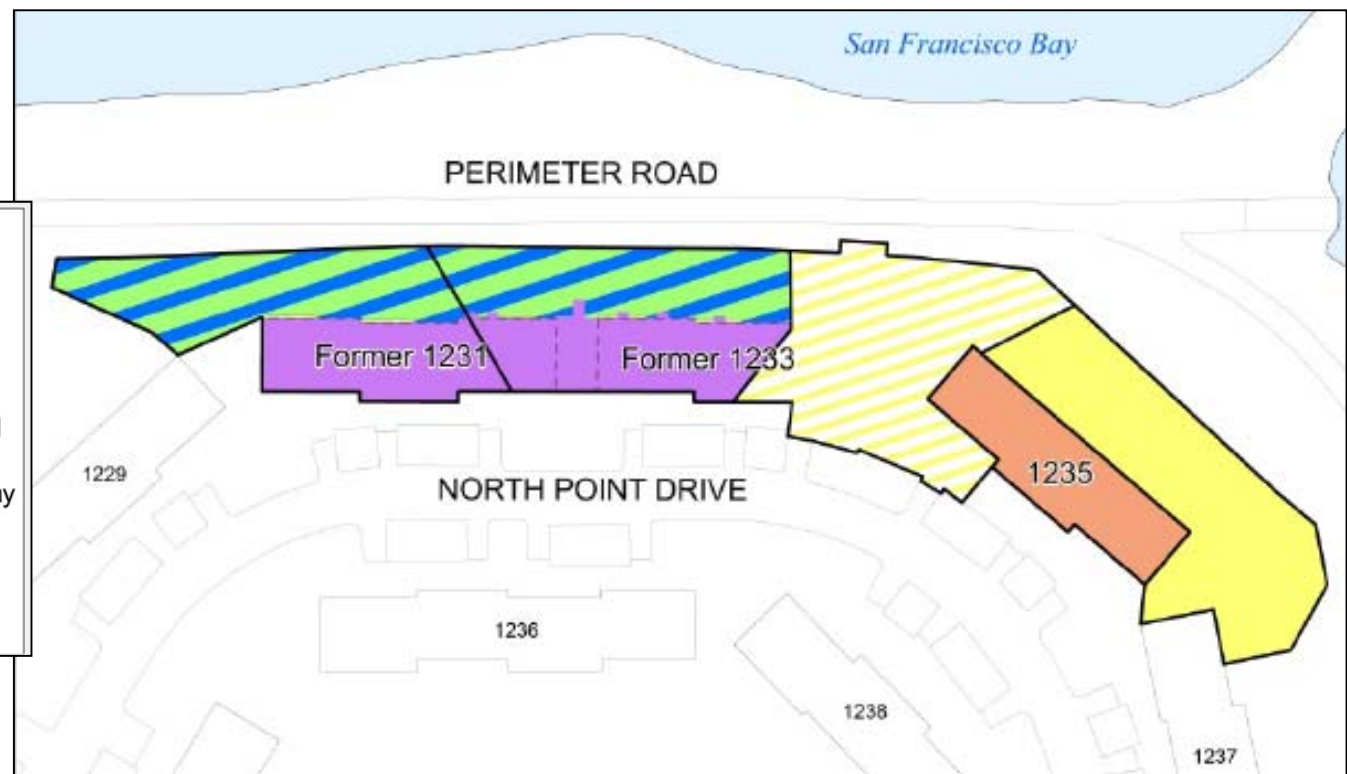
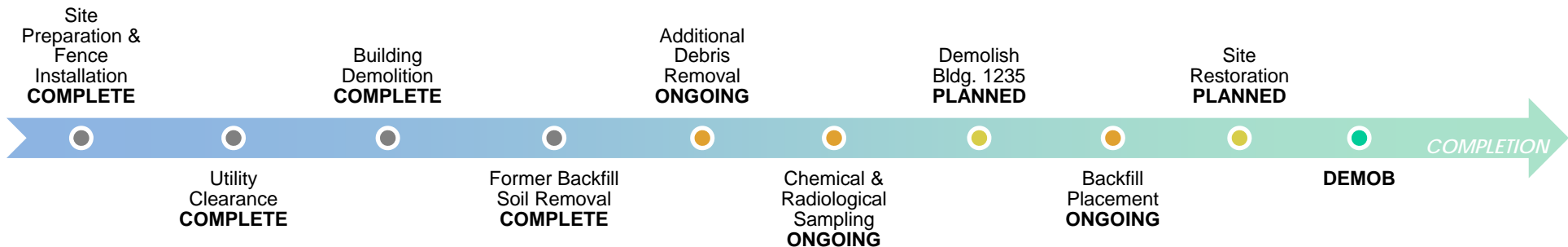
- Project Status: North Point
- Project Status: Bayside
- Project Status: Westside
- Building 1321 “Deep Waste Area” Excavation
- Waste Disposal:
  - Low Level Radiological Waste (LLRW)
  - Soil Disposal
- Safety Measures During Soil Disposal
- Activity Schedule

# Project Status: SWDA North Point



- Significant weather impacts in Dec and Jan slowed excavation
- Soil excavated : **7,878 cubic yards (75% complete)**
- Completed removal of deep debris in 3 of the 4 survey units
  - Debris ranges from 8 to 11 feet deep
- Building 1235
  - Completed rad survey and asbestos abatement on Feb 22
  - Demolition scheduled week of Feb 29
- Backfilled 2 of 4 survey units
- 18 rad objects removed from Disposal Area North Point

# Project Status: SWDA North Point



# Project Status: SWDA North Point



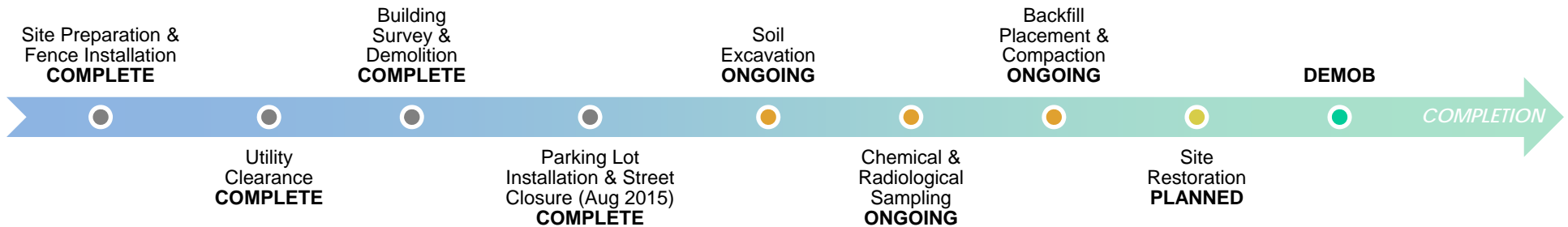
## Upcoming Work:

- Complete deeper debris removal in the remaining survey unit (1 of 4)
- Feb 2016 – Building 1235 demolition
- March 2016 – Debris removal beneath Building 1235
- Collect samples and backfill excavated areas



Excavating remaining debris identified in Survey Unit 3  
Excavation continues until all debris (cables, bottles, welding rods, metal pieces) is removed.

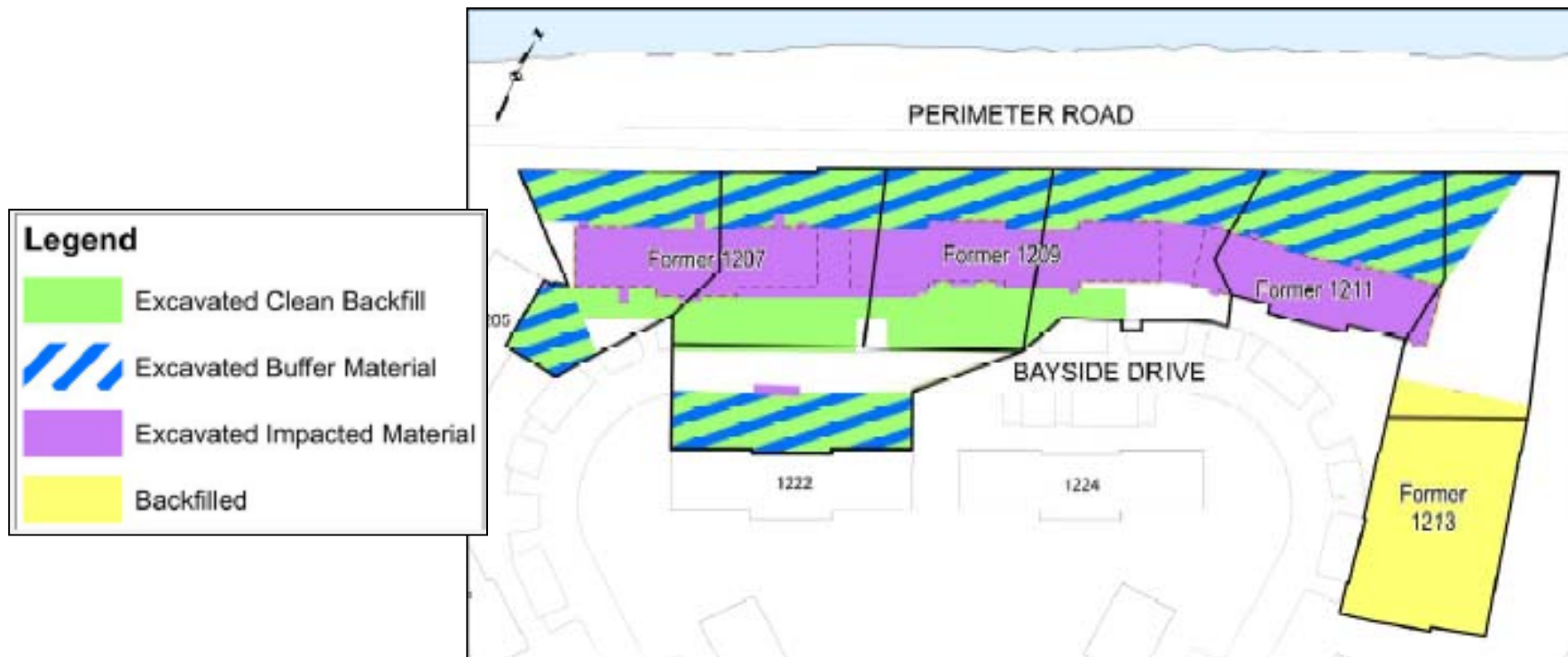
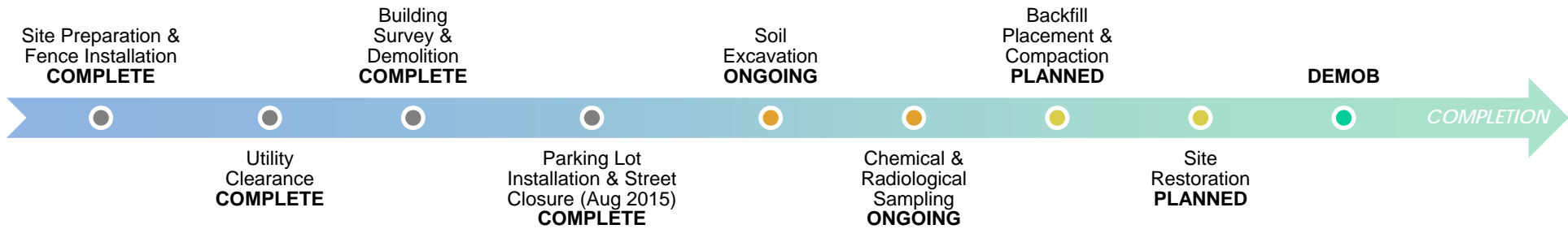
# Project Status: SWDA Bayside



- Soil excavated : 8,245 cubic yards (63% complete)
- Radiological surveys and confirmation sampling ongoing
- All four concrete building foundations rad cleared
- Backfill of Survey Unit 1 complete
- 69 LLROs removed from Disposal Area Bayside



# Project Status: SWDA Bayside



## Project Status: SWDA Bayside



Marked out chemical confirmation  
sample locations



Survey unit 7 in front of Building 1205  
Rad and chemical samples verified bottom and sidewalls are  
clean

"Historic Burn Area" boundary staked out in preparation  
for additional excavation



"Historic Burn Area" to be excavated within Disposal Area  
Bayside



## Project Status: SWDA Bayside



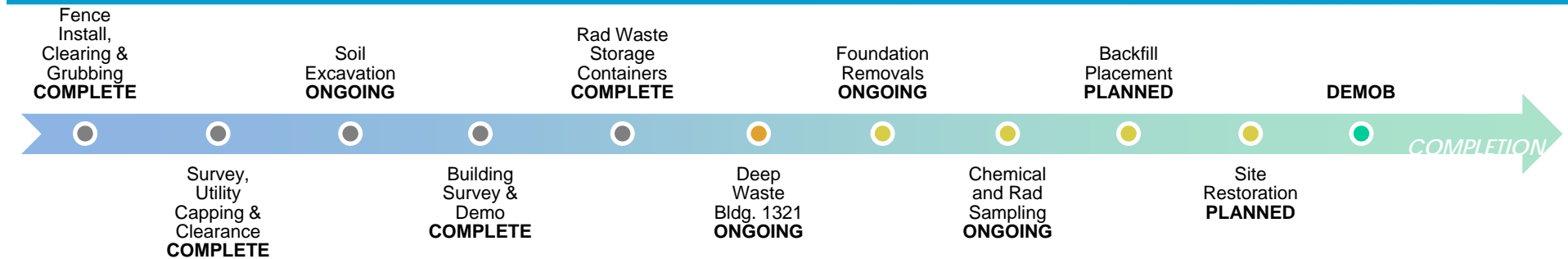
### Upcoming Work:

- Continue backfill of remaining survey units
- Removal of deeper debris and rad objects at “Historic Burn Area”
- Radiological survey and confirmation sampling



Survey unit 1 at Bayside (former building 1213 area) is backfilled using clean fill.

# Project Status: SWDA Westside



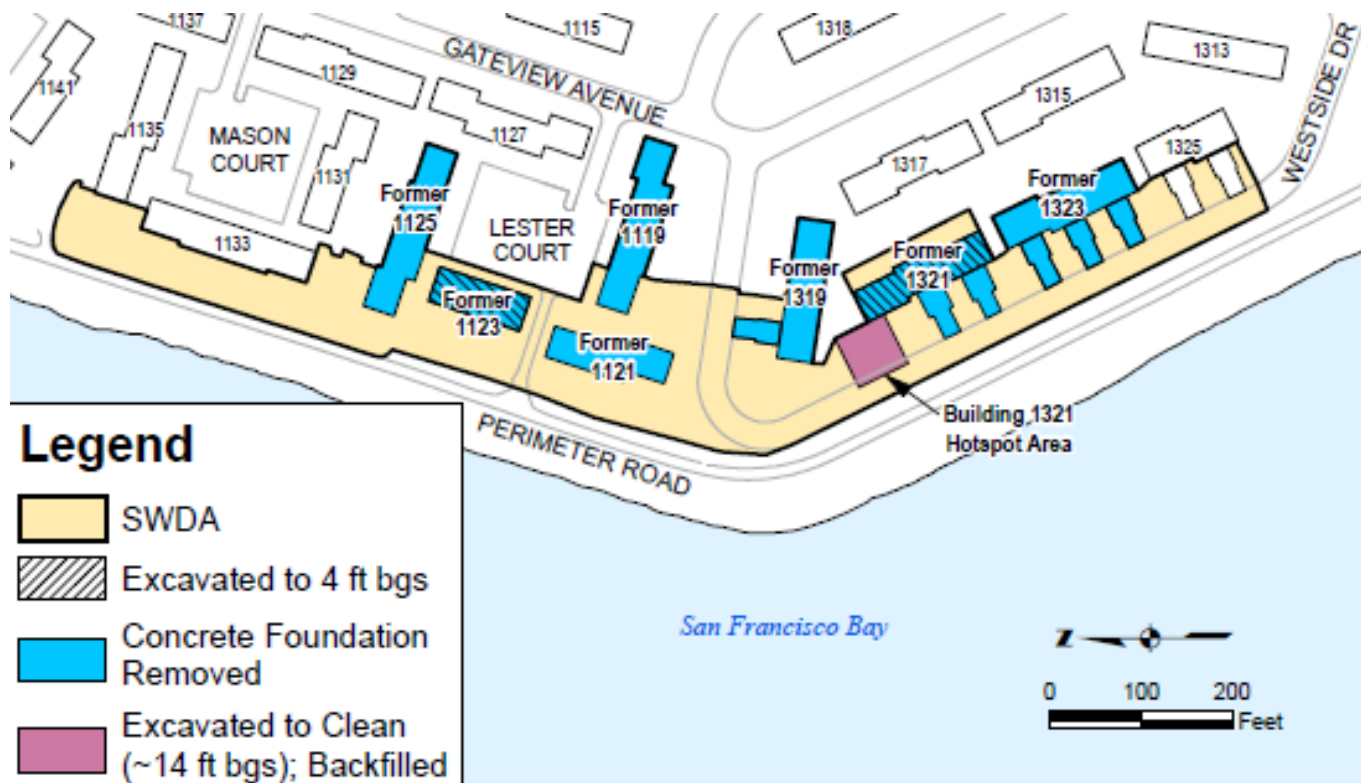
- SWDA Westside will be completed under 2 contracts
  - New contract to finish work to be awarded summer 2016
- FOCUS: Former building “1321 Hotspot” area
  - Soil excavated : 450 cubic yards (~35% complete)
  - Completed installation of slide rail system to safely excavate “1321 Hotspot”
- Segregated 50 inert munitions items from waste
- Completed removal of 5 concrete building foundations
- Completed offsite shipping of B-25 waste containers
- 116 LLROs removed from SWDA Westside

## Project Status: SWDA Westside



### To be completed under current contract – (Blue & Pink Shading)

- Concrete building foundations removed
- Waste material beneath former Buildings 1123 and 1321 removed
- Building 1321 Hotspot (Excavation, FSS, Backfill)

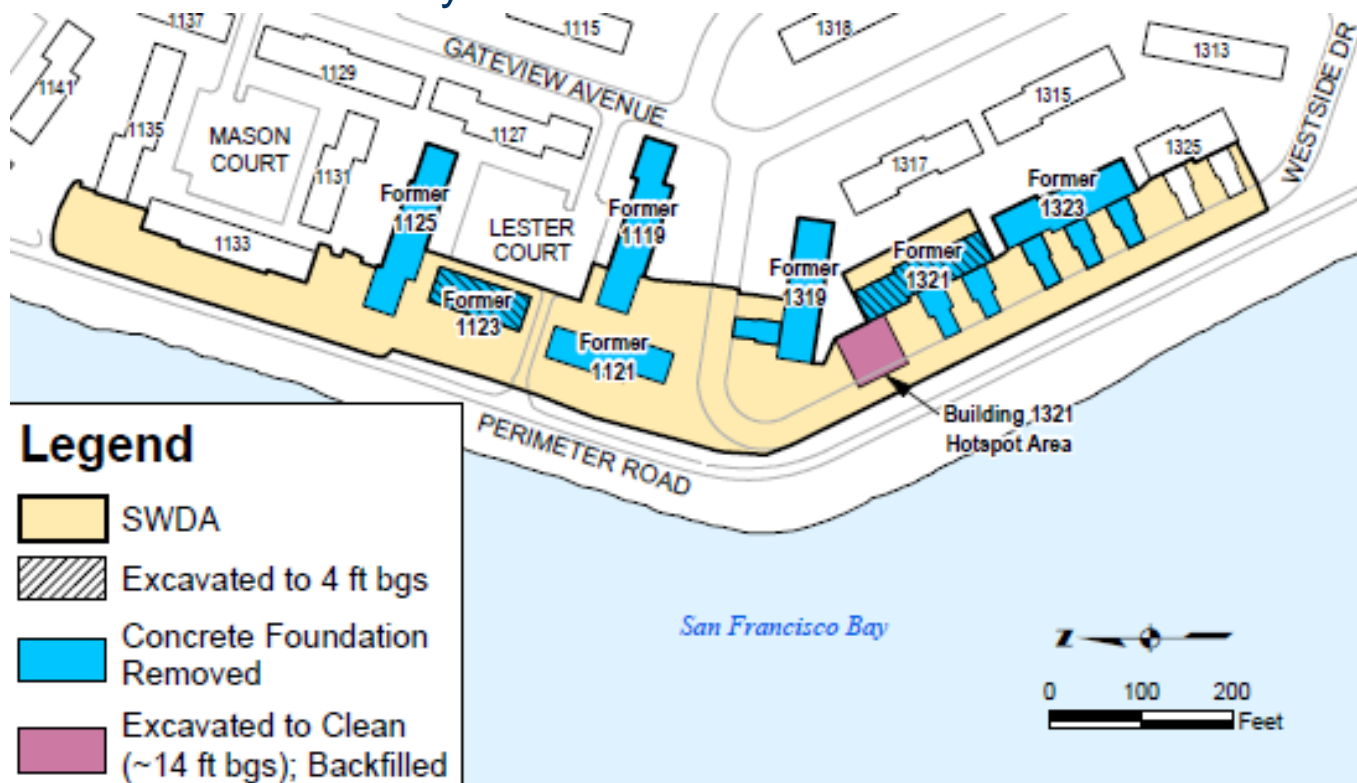


# Project Status: SWDA Westside



## Future Work – (Tan Shading)

- Complete Excavation in Tan shaded areas
  - Extending to ~12' feet in some areas
- Demolition of Building 1133
- Final Status Survey and Backfill





## Project Status: SWDA Westside



Excavation within slide rail: chain, metal, welding rods, etc. are removed



Debris removed from the deep waste area (Building 1321 area). Debris and soil must be dried before it is radiologically scanned.



## Project Status: SWDA Westside



### Upcoming Work:

#### Building 1321 Hotspot

- Complete debris removal
- FSS Survey and chemical confirmation
- Backfill

Complete removal of remaining building foundations (Buildings 1319 and 1323)



Installing slide rail within the deep waste disposal area to ensure safe excavation to deep depths (14 feet). Ropes are used to guide the support beams into place.

# Low-level Radiological Waste (LLRW)



- To date, 49 roll-off bins (~735 cubic yards) have been filled with low-level radiological waste (LLRW)
- Bins are transferred to Treasure Island LLRW waste contractor for offsite disposal



Loading of bin with waste from Building 1321 "Hotspot"

## Soil Disposal: Loading and Haul-Out



- 5,390 cubic yards (approx. 9000 tons) of waste soil has been loaded and hauled off site
- 397 trucks
- Soil was disposed offsite at the Clean Harbors facility in Buttonwillow, CA



Loading of waste at Site 32

# Low Level Radiological Object (LLRO) Status Update



- 813 LLROs overall at Treasure Island to date
- Since Site 12 field work started (May 2015), **203** LLROs have been extracted and removed:
  - **Building 1321 Deep Debris Boxes: 87 LLROs**
  - **SWDAs: 116 LLROs**



## Schedule of Milestones



**May 2015 – Excavations Started**

**May 2016 – Excavations Complete**

**May 2016 – Radiological Field (Final Status) Surveys Complete**

**June 2016 – Soil Pad Processing Complete**

**June 2016 – Site Restoration Complete**

**July 2016 – Waste Disposal Complete**

**Aug 2016 – Final Status Survey Report**

**Aug 2016 – Final Remedial Action Completion Report**



Artistic renderings from TIDA website



# QUESTIONS?

